

Figure 1A

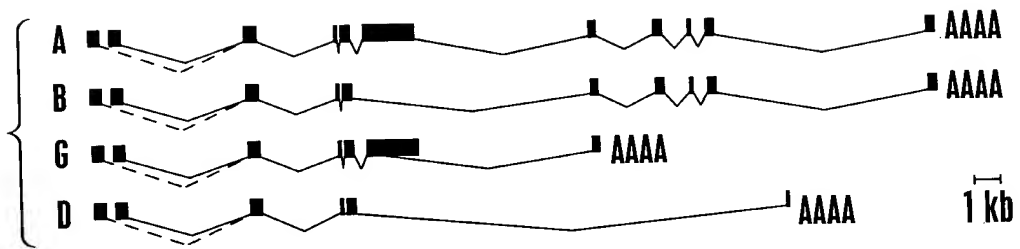


Figure 1B

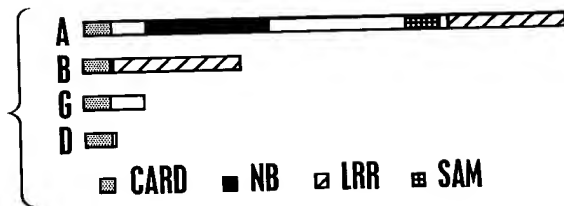


Figure 1C

CLANA	MNFIKDNSRALIQRMGMTVIKQITDDLFVWNVLNREEVNIICCEKVEQDAARGIIHMILKKGSES
CLANB	MNFIKDNSRALIQRMGMTVIKQITDDLFVWNVLNREEVNIICCEKVEQDAARGIIHMILKKGSES
CLANG	MNFIKDNSRALIQRMGMTVIKQITDDLFVWNVLNREEVNIICCEKVEQDAARGIIHMILKKGSES
CLAND	MNFIKDNSRALIQRMGMTVIKQITDDLFVWNVLNREEVNIICCEKVEQDAARGIIHMILKKGSES
CLANA	CNLFKLSLKEWNYPLFQDLNGQSLPHQTSEGLDDLAQDLKDLYHTPSFLNFYPLGEDIDIIFNL
CLANB	CNLFKLSLKEWNYPLFQDLNGQ-----
CLANG	CNLFKLSLKEWNYPLFQDLNGQSLPHQTSEGLDDLAQDLKDLYHTPSFLNFYPLGEDIDIIFNL
CLAND	CNLFKLSLKEWNYPLFQDLNGQSLTA
CLANA	KSTFTEP[LWRKDQHHRVEQLTE]NGLLQALQSPCIIEGESGKGKSTLLQRIAMLWGSGKCKALT
CLANB	-----
CLANG	KSTFTEP[LWRKDQHHRVEQLTE]VL
CLANA	KFKFVFFLRLSRAQGGLFETLCDQLLDIPGTIRKQTFMAMLLKLRQRVLFLLDGYNEFKPQNCPE
CLANB	-----
CLANA	IEALIKENHRFKNMVIVTTTTTECLRHIRQFGALTAEVGDMTEDSAQALIREVLIKELAEGLLLQI
CLANB	-----
CLANA	QKSRCRLNLMKTPLFVVITCAIQMGSESEFHSHTQTTLFHTFYDLLIQKNKHKHKGVAASDFIRSL
CLANB	-----
CLANA	DHRGDLALEGVFSHKFDLQDVSSVNEDEVLLTTGLLCKYTAQRFPKPKYKFFHKSPQBYTAGRRL
CLANB	-----
CLANA	SSLTTSHEPEEVTKGNGYLQKMVSISDITSTYSSLLRYTCGSSVEATRAVMKHLAAVYQHGCCLG
CLANB	-----
CLANA	LSIAKRPLWRQESLQSVKNTTEQEILKAININSFVECGIHLYQESTSKSALSQEFPAFFQKSLY
CLANB	-----
CLANA	INSGNIPDYLFDFFEHLPCASALDFIKLDPYGGAMASWEKAAEDTGGIHMEEAPETYIPSRAVS
CLANB	-----
CLANA	LFFNWKQEFRTLEVTLRDFSKLNKQDIRYLGKIFSSATSLRLQIKRCAGVAGSLSLVLSTCKNIY
CLANB	-----
CLANA	SLMVEASPLTIEDERHITSVTNLKTLSTHDLQNQLP[GLTDSLGNLKNLTKLIMDNIKMNEEDA
CLANB	-----[GLTDSLGNLKNLTKLIMDNIKMNEEDA
CLANA	IKLAEGLKNLKKMCLFHLTHLSDIGEGMDYIVKSLSSSEPCDLEEIQLVSCCLSANAVKILAQNLH
CLANB	IKLAEGLKNLKKMCLFHLTHLSDIGEGMDYIVKSLSSSEPCDLEEIQLVSCCLSANAVKILAQNLH
CLANA	NLVKLSILDLSENYLEKDGNEALHELIDRMNVLEQLTALMLPWGCDVQGSLSLLKHLKEEVPQLV
CLANB	NLVKLSILDLSENYLEKDGNEALHELIDRMNVLEQLTALMLPWGCDVQGSLSLLKHLKEEVPQLV
CLANA	KLGKLNWRLTDTEIRILCAFFCKNPLKNFQQNLACNRVSSDGWLAFMGVFENLKQLVFFDFSTK
CLANB	KLGKLNWRLTDTEIRILCAFFCKNPLKNFQQNLACNRVSSDGWLAFMGVFENLKQLVFFDFSTK
CLANA	EFLPDPALVRKLSQVLSKLTFLQEARLVGHQFDDDDLSVITGAFKLVTA
CLANB	EFLPDPALVRKLSQVLSKLTFLQEARLVGHQFDDDDLSVITGAFKLVTA

Fig. 2

XKPGQPWSRRCGAAGLRGCGATGQERVLSRQSRGGVRAGGGAERPTRSRSPSRSRRE
SWPGVGLGVGAQAARG 18030 (76)

CEMCSQEAFAQORSQVVELLVSGSLEGFESVLDWLLSWEVLSWE

CARD-A

DYEGFHLLGQPLSHLARRLLDTVMNKGTWACQKLIAAAQEAQADSQSPKLHGCWDPHSLH

PARDLQSHRPATVRRLLSHFVENMDLAWERGFVSQYECDEIRLPIETPSQR

CARD-B

ARRLLDLAT

VKANGLAATLQHVQELPVPLALPLE

AATCKKYMALRTTVSAQSRLSTYDGAETLCLE

DIYTENVLEVWADVGMAGPPQKSPATLGLEELFSTPGHLNDDADTVLVVGEAGSGKSTLL

P-LOOP

QRLHLLWAACQDFQEFLEVTPEFCRQLQCMAPLSVRLTLLTHCCWPDVCGQEDIFQHLMD

NB-ARC

HPDRVLLITDCEDEEKERETDREHCSPTDPTSVQTLLENILQCNLLKNARKVVTSRPAA

VSAFLRKYIRTEFNKGFSEQGLIELYLRKRHHFPGVADRLIRLLQETSALHGLCHLPVS

WMVSKHQELHLLQEGGSPKTTTDMYLLHLLQHTLLHATPPDSASQGLGPSHLLRGRHPTLLH

LGRLALWGLCMCCVVFSAQQLQAAQVSPDDISLGFL

Figure 3

COP **MADKVLKEKRKLFIR** **SMGEGTINGLLDELL** 30
 caspase-1 **MADKVLKEKRKLFIR** **SMGEGTINGLLDELL** 30

 QTRVLNQ **EEMEKVKRENATVMDKTRALIDS** 60
 QTRVLNK **EEMEKVKRENATVMDKTRALIDS** 60

 VIPKGAQACQICITYICEEDSYLA **ETLGLS** 90
 VIPKGAQACQICITYICEEDSYLA **GTLGLS** 90

 AGPIRGN 97
 ADQTS **GN** 97

Figure 4

MADKVLLEKRKLLINSLGEGTINGLLDELLEETNVLSQEDM Majority
 10 20 30 40
 1 **MADKVLKEKRKLFIR** **SMGEGTINGLLDELL** **QTRVLNKEEM** cas-1
 1 **M---** **ILLKRRLLINSLGEGTINGLLDELLEETNVLSQEDT** cop-2

 EIVKRENATVIDKARALLDSVIRKGAGACEICITYICEED Majority
 50 60 70 80
 41 **E** **KVKRENATVMDKTRALIDS** **VIPKGAQACQICITYICEED** cas-1
 38 **EIVK** **CENV** **TVIDKARDLLDSVIRKGAGACEICITYICEED** cop-2

 SYLAGTLGLSAGNAVQAGGACSTSSGQDL Majority
 90 100
 81 **SYLAGTLGLSAPQ** **AVQDNPA** **MP** **TSSG** cas-1
 78 **RYLAGTLGLSAGN** **DYRAGGI** **CSP** **PRA** **QDL** cop-2

Figure 5

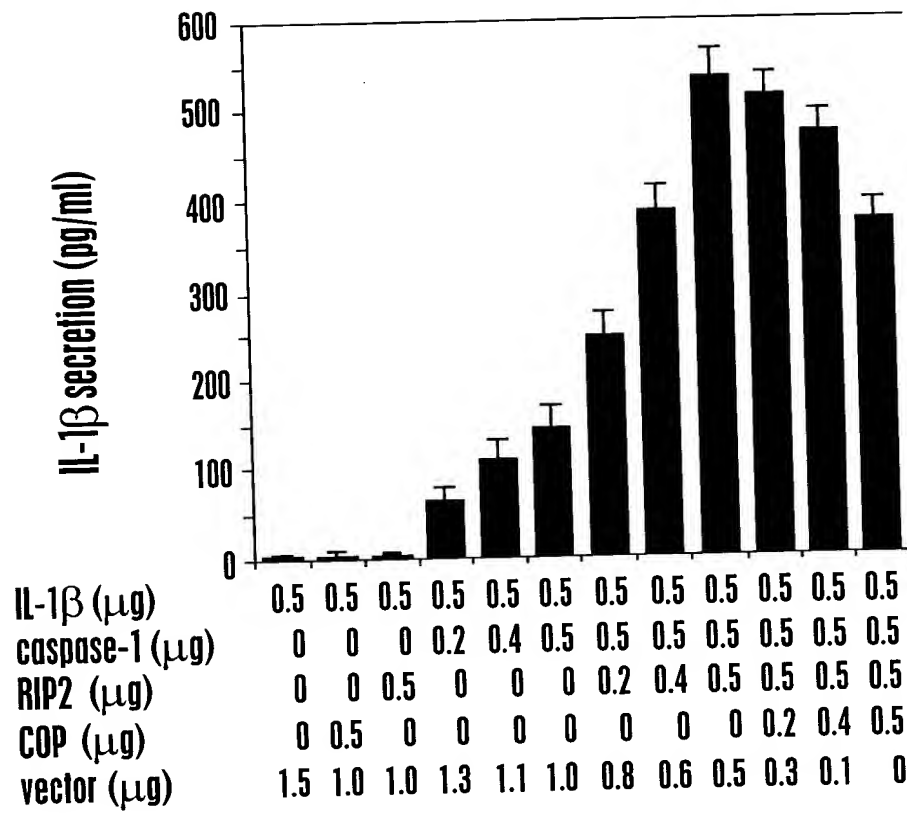


Figure 6